Use Attainability Analysis

for

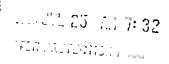
WBID 2393 Little Flat Creek

Submitted by Missouri Department of Natural Resources Staff

To Missouri Department of Natural Resources Water Protection Program

Date Received: July 25, 2005

Data Sheet A - Water Body Identification



Water Body Name (from USGS 7.5' quad): Little Flat Creek
8-digit HUC: 11010002
Missouri WBID #: 2393
County: Barry
Upstream Legal Description: 34,25N,27W
Downstream Legal Description: 25,25N,27W
Upstream Coordinates: 423405 E, 4077695 N
Downstream Coordinates: 425590 E, 4077480 N
Discharger Facility Name(s):
Discharger Permit Number(s):
Number of Sites Evaluated: 3
Name of Surveyor and Telephone Number: Jeff Woodward (417)888-4029
Organization: DNR SWCP
Position: Soil Scientist III

I, the undersigned, hereby affirm to the best of my knowledge, that all information reported on this UAA datasheet is true and accurate.

Signed: NAWY	Date:
6-9-05/	

Data Sheet B - Site Characterization

(A separate data sheet must be completed for each site)

Missouri WBID #: 239	3-01		Site Loca	Site Location Description: CR 2060					
Site GPS Coordinates:		1							
Date & Time: 6/9/05, 1	1:00 A.M.		Facility N	Facility Name:					
Personnel: Jeff Woodw	rard		Permit Nu	ımber:					
Current Weather Condit	Weather 0	Condition	ns for Past 7 days: Scatte	red storms					
Photo Ids: Upstream: v	wbu2393-01 D	ownstream	ı: wbd2393-01	Other:					
1									
Uses Observed*:	7								
	Skin diving		SCUBA diving	;	Tubing	Water skiing			
☐ Wind surfing	☐ Kayaking		Boating		Wading	Rafting			
Hunting	Trapping		Fishing		None of the above	Other:			
Describe: (include numl	ber of individuals r	ecreating,	frequency of use,	photo-d	ocumentation of evidence	of recreational uses, etc.)			
Surrounding Conditio									
		at promote		tional us					
Surrounding Condition tems of interest.)	ns*: (Mark all tha	at promote	or impede recreat	tional us	es. Attach photos of evide	ence or unusual			
Surrounding Conditio	ns*: (Mark all tha	at promote	or impede recreat OC conservation l	tional us	es. Attach photos of evide	ence or unusual			
Surrounding Condition tems of interest.) City/county parks Boating accesses	ns*: (Mark all tha	at promote	or impede recreat OC conservation l	tional us	es. Attach photos of evide Urban areas Nature trails	ence or unusual			
Surrounding Condition tems of interest.) City/county parks Boating accesses No trespass sign	ns*: (Mark all tha	at promote s	or impede recreat OC conservation l	tional use	es. Attach photos of evide Urban areas Nature trails	ence or unusual			
Surrounding Condition tems of interest.) City/county parks Boating accesses No trespass sign Evidence of Human Use	ns*: (Mark all tha	st promote MI Na Ste	or impede recreat OC conservation l tional forests ep slopes	tional use	es. Attach photos of evide Urban areas Nature trails Other:	ence or unusual Campgrounds Stairs/walkway			

Site Locations Map(s): Attach a map of entire segment with assessment sites clearly labeled. Mark any other items that may be of interest. (Include photographs)

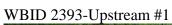
^{*}Some of this information is not intended to directly influence a decision on any one particular recreational use analysis but may point to conditions that need further analysis or that effect another use.

Data Sheet B - Site Characterization

Page Two - WBID #2393-01:

Stream Morp Upstream		sical Di	mensions:							
	Width (ft):		Length (ft):	Av	g. Depth (ft):	М	ax. Depth (ft):		
Run	Width (ft): Len		Length (ft):	Av	Avg. Depth (ft):		М	ax. Depth (ft):		
Pool	A Co		Length (ft):	Av	Avg. Depth (ft):			Max. Depth (ft):		
⊠ Flow			⊠ No	Est	imated (ft ³ /	sec):				
Downstrea	m View I	Physical	Dimensions:							
	ownstream View Physical I Riffle Width (ft):		Length (ft):	Av	g. Depth (fi	:):	М	ax. Depth (ft):		
Run	Width (ft):		Length (ft):	Av	g. Depth (ft	:):	М	ax. Depth (ft):		
Pool	Width (ft):		Length (ft):	Av	g. Depth (fi	:):	M	ax. Depth (ft):		
Flow	Present?	Yes	⊠ No	Est	imated (ft ³ /	sec):				
	V241 540		Sas 171 (Massachtation)							
	These value Cobble		add up to 100%.)	0/ Cond		% Silt	9/ N	/lud/Clay	% Bedrock	
30%	Copple	30%	6 Gravel	% Sand		% SHt	70 I	nud Clay	% Bedrock	
Water Chara	cteristics	. 17								
Odor:		Sewage	Musky	Chemi	cal	None		Other:		
Color:		Clear	Green	Gray		Milky		Other:		
Bottom Dep		Sludge	Solids		diments	None		Other:		
Surface Dep	osit:	Oil	☐ Scum	☐ Foam		☐ None		Other:		
*This information comprehensive undecision on the re-	Downstre n is not to be nderstanding ecreation us	e used so ag of wate se analysis	lely for removal of r conditions. Cons s but may point to c	a recreational equently, this i	use designa nformation need furthe	tion but rathe is not intend r analysis or	er is to pred to direct	rovide a more ectly influence ect another use.	a	
datasheet is to	And the second second second second		irm to the best	of my know	ledge, th	at all info	rmation	n reported (on this UAA	
Signed:	Im	n	SWCP		Date:	6-9-05	r .			
Organization:	MODI	VR-	SWEP	- E	Position	Soi	1 Sci	entistI	1	







Data Sheet B - Site Characterization

(A separate data sheet must be completed for each site)

	3-02		Site Location De	Site Location Description: Hwy BB				
Site GPS Coordinates: 4	124380 E, 4077630 I	N						
Date & Time: 6/9/05, 10	0:55 A.M.		Facility Name:					
Personnel: Jeff Woodwa	ard		Permit Number:	Permit Number: Weather Conditions for Past 7 days: Scattered storms				
Current Weather Condit.	ions: Sunny 75 degr	ees	Weather Condit					
Photo Ids: Upstream: w	vbu2393-02 Dov	vnstream: w	vbd2393-02 Othe	r:				
			-					
s Observed*:				T=				
Swimming	Skin diving	□s	CUBA diving	☐ Tubing	☐ Water skiing			
☐ Wind surfing	☐ Kayaking	□В	Boating	Wading	Rafting			
Hunting	Trapping	□F	ishing	None of the above	Other:			
	of of individuals rec	rounig, noc	quency of use, photo-	-documentation of evidence	or recreational uses, et			
				uses. Attach photos of evider				
rounding Condition		promote or i						
rounding Conditions of interest.)	ns*: (Mark all that p	promote or i	mpede recreational เ	uses. Attach photos of evider	nce or unusual			
rounding Conditions of interest.)	ns*: (Mark all that p	promote or i	mpede recreational u conservation lands al forests	uses. Attach photos of evider	nce or unusual			
rounding Conditions of interest.) City/county parks Boating accesses No trespass sign	ns*: (Mark all that p Playgrounds State parks Fence	promote or i	mpede recreational u conservation lands al forests	uses. Attach photos of evider Urban areas Nature trails	nce or unusual			
rounding Conditions of interest.) City/county parks Boating accesses	ns*: (Mark all that p Playgrounds State parks Fence	oromote or i ☐ MDC o ☐ Nation ☐ Steep s	mpede recreational u conservation lands al forests	uses. Attach photos of evider Urban areas Nature trails	ce or unusual Campgrounds Stairs/walkway			
rounding Conditions of interest.) City/county parks Boating accesses No trespass sign	ns*: (Mark all that p Playgrounds State parks Fence	oromote or i	mpede recreational u conservation lands al forests slopes	uses. Attach photos of evider Urban areas Nature trails Other:	nce or unusual			

Site Locations Map(s): Attach a map of entire segment with assessment sites clearly labeled. Mark any other items that may be of interest. (Include photographs)

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Data Sheet B - Site Characterization

Page Two - WBID #2393-02:

Stream Mor Upstream		al Dimensions:					
Riffle	Width (ft):	Length (ft):	Avg. Dep	oth (ft):	Max. Depth (ft):		
Run	Width (ft):	Length (ft):	Avg. Dep	oth (ft):	Max. Depth (ft):		
Pool	Width (ft):	Length (ft):	Avg. Dep	oth (ft):	Max. Depth (ft):		
⊠ Flow	Present?	Yes 🛛 No	Estimated	i (ft³/sec):			
Downstan	am Vian Phy	sical Dimensions					
Riffle	Width (ft):	Length (ft):	Avg. Dep	oth (ft):	Max. Depth (ft):		
Run	Width (ft):				Max. Depth (ft):		
		Length (ft):	Avg. Dep				
Pool	Width (ft):	Length (ft):	Avg. Dep		Max. Depth (ft):		
⊠ Flow	Present?	Yes 🛛 No	Estimated	d (ft³/sec):			
Substrate*:	(These values sh	ould add up to 100%.)					
20%	Cobble	75% Gravel	% Sand	% Silt	5% Mud/Clay	% Bedrock	
Water Char	acteristics*: (Mark all that apply.)					
Odor:	☐ Sev	vage Musky	☐ Chemical	☐ None	Other:		
Color:	☐ Cle	ar Green	Gray	Milky	Other:		
Bottom De			Fine sedimer		Other:		
Surface De	posit: Oil	Scum	Foam	None	Other:		
*This informatic comprehensive decision on the I, the understant	on is not to be us understanding of recreation use an signed, hereby true and accu	ed solely for removal of a water conditions. Consealysis but may point to converge affirm to the best of the contract.	a recreational use de- equently, this inform- onditions that need f	signation but rathe ation is not intend- urther analysis or	er is to provide a more ed to directly influence that effect another use.	a	
Signed:	2 Mila	N/D accord	Date	: 6-9-0	Scientist:		
Organization	DIOD	IVIC - SWCP	Posi	tion:	> Clarist	1//	

WBID 2393-Downstream #2





Data Sheet B - Site Characterization

(A separate data sheet must be completed for each site)

	3-03		Site Location	Site Location Description: CR 1135					
Site GPS Coordinates: 4	425590 E, 407748	0 N		1					
Date & Time: 6/9/05, 10	0:45 A.M.		Facility Na	Facility Name: Permit Number: Weather Conditions for Past 7 days: Scattered storms					
Personnel: Jeff Woodwa	ard		Permit Nun						
Current Weather Conditi	ions: Sunny 75 de	egrees	Weather Co						
Photo Ids: Upstream: w	vbu2393-03 D	ownstrea	im: wbd2393-03	Other:	100 - 100 100 100 100 100 100 100 100 10				
s Observed*:									
Swimming	Skin diving	-	SCUBA diving	☐ Tubing	☐ Water skiing				
☐ Wind surfing	☐ Kayaking		Boating	Wading	Rafting				
Hunting	Trapping		Fishing	None of the above	Other:				
Describe. (include ilumi)	of mulviduals	roorcating	g, frequency of use, p	noto-documentation of evidence	e of recreational uses, etc				
rounding Condition				nal uses. Attach photos of eviden					
rounding Conditions of interest.)	ns*: (Mark all tha	at promot	te or impede recreatio	nal uses. Attach photos of evid	lence or unusual				
rounding Conditions of interest.)	ns*: (Mark all tha	at promot	te or impede recreation	nal uses. Attach photos of evid	lence or unusual				
rounding Conditions of interest.) City/county parks Boating accesses	ns*: (Mark all tha	at promot	te or impede recreation MDC conservation lan Vational forests	nal uses. Attach photos of evid ds Urban areas Nature trails	lence or unusual				
rounding Conditions of interest.) City/county parks Boating accesses No trespass sign	ns*: (Mark all the	at promot	te or impede recreation	nal uses. Attach photos of evid	lence or unusual				
rounding Conditions of interest.) City/county parks Boating accesses	ns*: (Mark all the	at promot	te or impede recreation ADC conservation land Vational forests Iteep slopes	nal uses. Attach photos of evid ds	lence or unusual Campgrounds Stairs/walkway				
rounding Conditions of interest.) City/county parks Boating accesses No trespass sign	ns*: (Mark all the	at promoi	te or impede recreation MDC conservation lan Vational forests	nal uses. Attach photos of evid ds Urban areas Nature trails	lence or unusual Campgrounds Stairs/walkway				

Site Locations Map(s): Attach a map of entire segment with assessment sites clearly labeled. Mark any other items that may be of interest. (Include photographs)

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Data Sheet B - Site Characterization

Page Two - WBID #2393-03:

Stream Morph Upstream V	00	vsical D	imensi	ons:								
The second second	Width (ft):			ngth (ft):		Avg. De	pth (ft):	М	(ax. Depth (ft):		
Run	Width (ft):		Length (ft):			Avg. Depth (ft):			Max. Depth (ft):			
☐ Pool	Width (ft):		Le	Length (ft):		Avg. Depth (ft):			Max. Depth (ft):			
⊠ Flow I	12.00		⊠ No			Estimated (ft ³ /sec):						
Downstream	m View	Physica	l Dime	ncione								
The second of the second of	Width (ft):		m View Physical Dimensions: Width (ft): Length (ft):				Avg. De	epth (ft):	Max. Depth (ft):		
Run	Width (ft):		Le	ngth (ft):		Avg. De	epth (ft):	M	lax. Depth (ft):		
☐ Pool	Width (ft):		Le	ngth (ft):		Avg. De	epth (ft):	M	lax. Depth (ft):		
⊠ Flow I	Present?	Yes	⊠ No			Estimate		200				
Substrate*: (27.5			
25% (Cobble	75	% Grave	1	%	Sand		% Silt	% N	Mud/Clay	% Bedrock	
Water Charae	cteristics	8*: (Mark	all that	apply.)		Chemical	1	None		Other:		
Color:		Clear		Green		Gray	i	Milky		Other:		
Bottom Depo	osit:	Sludge		Solids	一一	Fine sedime	ents	None		Other:		
Surface Depo		Oil		Scum		Foam	1	None		Other:		
Comments: P. Upstream and *This information comprehensive undecision on the re	Downstr n is not to nderstanding creation u	be used so ng of wate se analysi	ne dry. olely for er condits s but ma	removal of ions. Cons y point to o	a recrea	ational use d y, this inform ns that need	esignat nation further	tion but ratheris not intender analysis or	er is to pred to direct	rovide a more ectly influence ct another use.	a	
datasheet is tr	ue and	accurate	e.		•							
Signed:	pm	N				Dat	e: <u>6</u>	-9-05				
Signed:Organization:_	Mo	DNI	R -	SWCI	ρ,	Pos	sition:	Soil	Sci	entist II	I_	

WBID 2393-Downstream #3



WBID 2393-Upstream #3



County Rd 1131 BB (WH BIBIS) NB2393*001 County, Rd 2060 County, Rd 2055

L. Flat Cr. (WB2393) Barry County, Missouri